

Contents to Volume 41

Volume 41 No. 1 July (I) 1997

R. B. ZHANG / Topological Invariants for Lens Spaces and Exceptional Quantum Groups	1-11
YOSHITAKA KOYAMA / Bosonization of Admissible Representations of $U_q(\hat{sl}_2)$ at Level - 2 and q -Vertex Operators	13-29
S. KHOROSHKIN, D. LEBEDEV and S. PAKULIAK / Traces of Intertwining Operators for the Yangian Double	31-47
VOJKAN JAKŠIĆ AND CLAUDE-ALAIN PILLET / Ergodic Properties of the Non-Markovian Langevin Equation	49-57
C. C. LASSIG and G. C. JOSHI / Constrained Systems Described by Nambu Mechanics	59-63
HIDETOSHI AWATA, HARUNOBU KUBO, YOSHIFUMI MORIZITA, SATORU ODAKE and JUN'ICHI SHIRAISHI / Vertex Operators of the q -Virasoro Algebra; Defining Relations, Adjoint Actions and Four Point Functions	65-78
S. ALBEVERIO AND P. KURASOV / Pseudo-Differential Operators with Point Interactions	79-92
T. J. ZASTAWNIAK / Fresnel Type Path Integral for the Stochastic Schrödinger Equation	93-99

Volume 41 No. 2 July (II) 1997

GEORGES PINCZON / Noncommutative Deformation Theory	101-117
HANS PLESNER JAKOBSEN / Unitarity of Highest-Weight Modules for Quantum Groups	119-133
K. BAUMANN / Unboundedness of Bose Fields in a One-Dimensional Model World	135-147
R. KEDEM / Singular R -Matrices and Drinfeld's Comultiplication	149-160
MARC ROSSO / Integrals of Vertex Operators and Quantum Shuffles	161-168
ANTON YU. ALEKSEEV, ANDREAS RECKNAGEL and VOLKER SCHOMERUS / Generalization of the Knizhnik-Zamolodchikov Equations	169-180

JINTAI DING and KENJI IOHARA / Generalization of Drinfeld Quantum Affine Algebras	181-193
R. J. FINKELSTEIN / A Note on q -Transformation Theory	195-206

Volume 41 No. 3 August 1997

SERGE LAZZARINI / Flat Complex Vector Bundles, the Beltrami Differential and W -Algebras	207-225
YURI BEREST / Lacunae of Hyperbolic Riesz Kernels and Commutative Rings of Partial Differential Operators	227-235
WEN-XIU MA / A Note on Symmetries and Generalized W_∞ Algebra of the Modified KP Equation	237-241
M. BORDEMANN and S. WALDMANN / A Fedosov Star Product of the Wick Type for Kähler Manifolds	242-253
D. I. GUREVICH, P. N. PYATOV and P. A. SAPONOV / Hecke Symmetries and Characteristic Relations on Reflection Equation Algebras	255-264
M. A. SOLOVIEV / Wick-Ordered Entire Functions of the Indefinite Metric Free Field	265-277
M. GADELLA / Derivation of Gamow Vectors for Resonances in Cut-Off Potentials	279-290
PAOLO CASATI, GREGORIO FALQUI, FRANCO MAGRI and MARCO PEDRONI / Darboux Coverings and Rational Reductions of the KP Hierarchy	291-305

Volume 41 No. 4 September 1997

BERND KUCKERT / Borchers' Commutation Relations and Modular Symmetries in Quantum Field Theory	307-320
JOSÉ I. LIBERATI / Bispectral Property, Darboux Transformation and the Grassmannian Gr^{rat}	321-332
ROMAN G. SMIRNOV / Bi-Hamiltonian Formalism: A Constructive Approach	333-347
H. WHITE and R. LLOYD / Gauge Field Theories on Clifford Algebras	349-370
FRANCO FERRARI / Topologically Nontrivial Sectors of Maxwell Field Theory on Riemann Surfaces	371-378
ELEONORA ALFINITO, GIULIO SOLIANI and LUIGI SOLOMBRINO / The Symmetry Structure of the Heavenly Equation	379-389

CONTENTS TO VOLUME 41

ALEXANDROS PATSOURAKOS / A Homotopy in the Usual Cochain
Complex of Free Lie Algebras 391-402